



## Applying telehealth in natural and anthropogenic disasters

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### Abstract:

There are myriad telehealth applications for natural or anthropogenic disaster response. Telehealth technologies and methods have been demonstrated in a variety of real and simulated disasters. Telehealth is a force multiplier, providing medical and public health expertise at a distance, minimizing the logistic and safety issues associated with on-site care provision. Telehealth provides a virtual surge capacity, enabling physicians and other health professionals from around the world to assist overwhelmed local health and medical personnel with the increased demand for services postdisaster. There are several categories of telehealth applications in disaster response, including ambulatory/primary care, specialty consultation, remote monitoring, and triage, medical logistics, and transportation coordination. External expertise would be connected via existing telehealth networks in the disaster area or specially deployed telehealth systems in shelters or on-scene. This paper addresses the role of telehealth in disaster response and recommends a roadmap for its widespread use in preparing for and responding to natural and anthropogenic disasters.

**Source:** <http://dx.doi.org/10.1089/tmj.2008.0117>

### Resource Description

#### Communication: ☒

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

#### Communication Audience: ☒

audience to whom the resource is directed

Policymaker

#### Exposure : ☒

weather or climate related pathway by which climate change affects health

Extreme Weather Event

**Extreme Weather Event:** Hurricanes/Cyclones

#### Geographic Feature: ☒

# Climate Change and Human Health Literature Portal

resource focuses on specific type of geography

None or Unspecified

## **Geographic Location:**

resource focuses on specific location

Global or Unspecified

## **Health Impact:**

specification of health effect or disease related to climate change exposure

General Health Impact

## **Intervention:**

strategy to prepare for or reduce the impact of climate change on health

A focus of content

## **Medical Community Engagement:**

resource focus on how the medical community discusses or acts to address health impacts of climate change

A focus of content

## **Mitigation/Adaptation:**

mitigation or adaptation strategy is a focus of resource

Adaptation

## **Resource Type:**

format or standard characteristic of resource

Research Article

## **Resilience:**

capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function

A focus of content

## **Timescale:**

time period studied

Time Scale Unspecified